

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011399**Date Inspected:** 12-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen Ying Xin**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Tower**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance (QA) Inspector Shailesh Gaikwad was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

BAY 11

This QA Inspector performed Magnetic Particle Testing (MT) of approximately 15% and randomly Visual Testing of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated a TL- 6028 (MT) report for this date. The member is identified as South Tower Lift 2 Skin E Ladders. The weld designations reviewed are as follows.

E74-65M-5-S

NDT Notification No: 005047

This QA Inspector observed the following work in progress:

OBG # TRIAL ASSEMBLY YARD.

This QA inspector observed, ZPMC qualified welding personnel identified as 066261 perform Shielded Metal Arc Welding (SMAW), weld joint identified as OBW6F-001, ZPMC CWI identified as Mr.LI Yang. The welding parameters measured using QC's calibrated instrument appeared to be in general compliance with

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WPS-B-T-2214-B-U2-FCM-1

This QA inspector observed, ZPMC qualified welding personnel identified as 069896 perform Shielded Metal Arc Welding (SMAW), weld joint identified as SEG028H-054, ZPMC CWI identified as Mr. Wuzhi Chang . The welding parameters measured using QC's calibrated instrument appeared to be in general compliance with WPS-B-T-2214-1

This QA inspector observed, ZPMC qualified welding personnel identified as 068764 perform Shielded Metal Arc Welding (SMAW), on weld 6BW/6CW Segment to Segment joint. Weld joint identified as OBW6C-005, ZPMC CWI identified as Mr.LI Yang. The welding parameters measured using QC's calibrated instrument appeared to be in general compliance with

WPS-B-T-2214-B-U2-FCM-1

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

Summary of Conversations:

Only general conversation was held between QA and QC concerning this projec

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod phone: 134-8257-0045, who represents the Office of Structural Materials for your project.

Inspected By:	Gaikwad,Shailesh	Quality Assurance Inspector
Reviewed By:	Hall,Steven	QA Reviewer
